Pro Drive

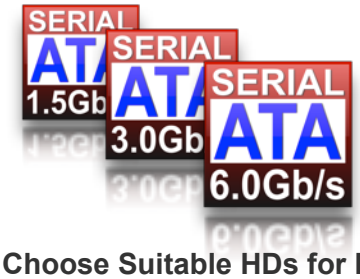
PD520 Series

Designed for professional image processing workstations, the PD520 series expands your available hard disk capacity. Its ergonomic design makes it incredibly easy to install and access.

3.5“+2.5” = 5.25“

The same size as a 5.25” CD-ROM drive, the design of the PD520 makes intelligent use of chassis space. Not only can it accommodate a 3.5" hard drive but also a 2.5" HDD or 2.5" solid-state drive.

With a simple-to-use removable hard drive tray design, the PD520 makes inserting and removal of drives easy. It is no longer necessary to remove the workstation chassis side panel.

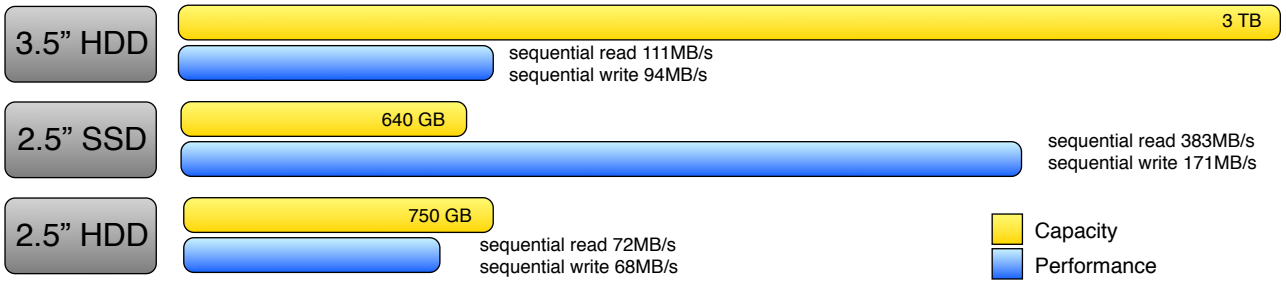


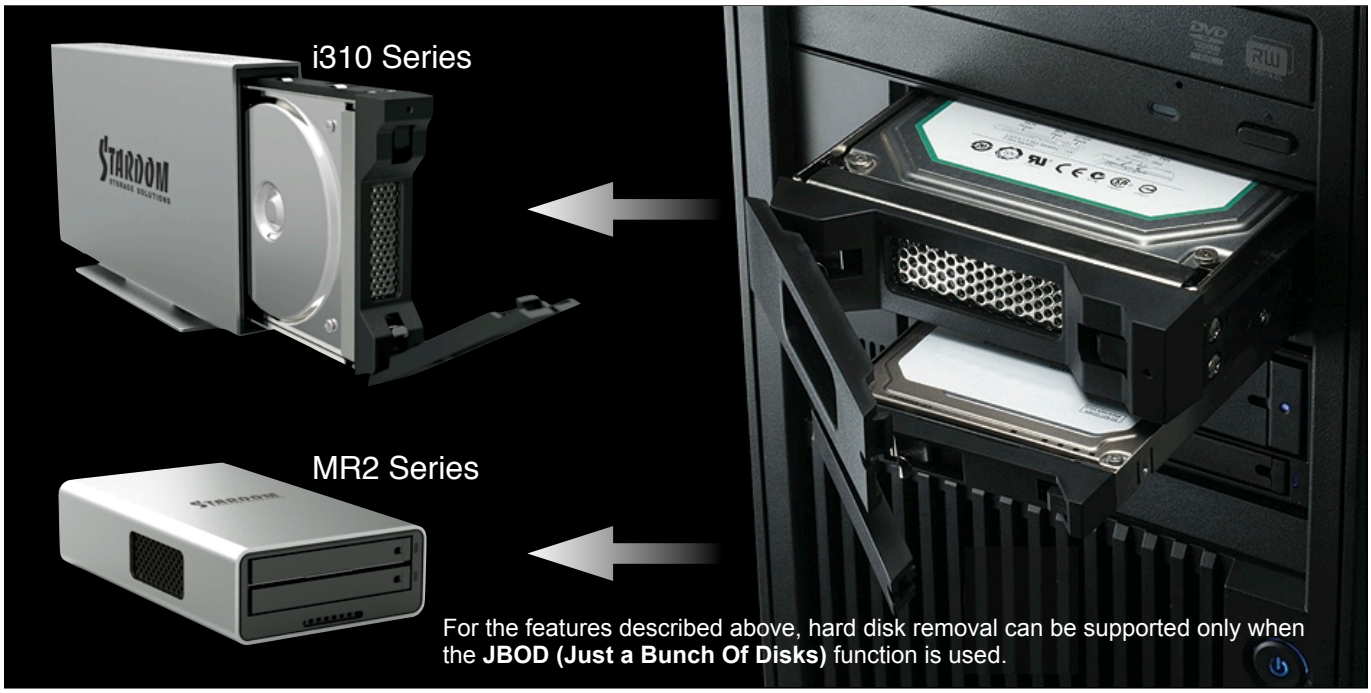
Higher Transmission Bandwidth to Enhance Your Work Efficiency

The PD520 series, which is backward compatible with 3.0/1.5 Gb/s, also supports SATA 6.0 Gb/s transmission bandwidth. Its impressively high speed brings you higher efficiency, and works perfectly with high speed solid-state drives. It handles both large video files or graphic design projects with equal ease.

Choose Suitable HDs for Different Applications

The PD520 series supports a variety of different hard drives that users can choose from to suit their application.




i310 Series
MR2 Series
For the features described above, hard disk removal can be supported only when the **JBOD (Just a Bunch Of Disks)** function is used.

Convenient and Secure Removable HD Enclosure

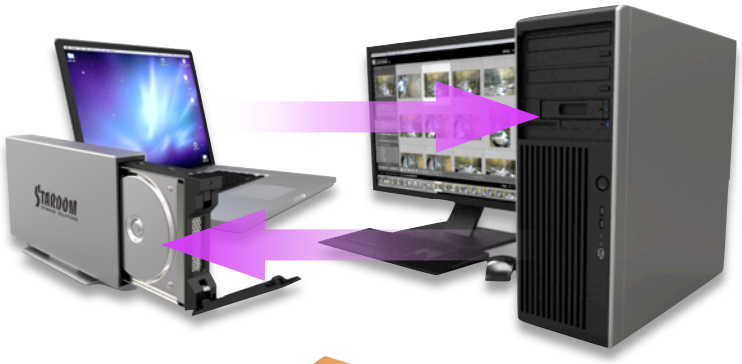
STARDOM hard drive trays are designed with a safety lock and secure architecture to lock the hard drive in place. If one of the hard disks is corrupted, data integrity is maintained. Just replace it with a hard disk of the same model and capacity and the system will copy the original data to the new disk.

Still Worry about How to Store Hard Disks?

STARDOM features a protective case to hold the hard disk tray. The case is the same dimensions as standard VHS tapes, for ease of storage and comes with a label which can be used to identify the disk's content.

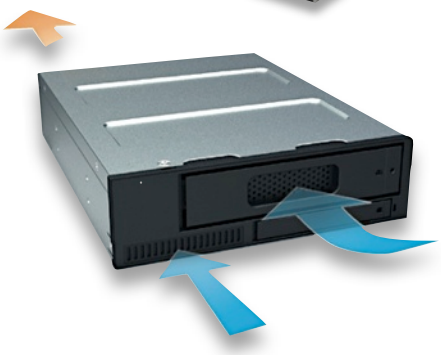
Data in the Whole Hard Disk to Go

If your project files are too large to be transmitted via the internet, or you need to send the same data out for use with different devices, for example to edit photo or video files, the removable hard disk tray and protective case design is perfect for your requirements. Dependant on the model you choose, the disks can hold up to 2TB of data.



Good Heat Dissipation Extends Life of the Hard Disk

The constant airflow provided by the PD520's 4 cm silent fan dissipates the heat generated from the hard disks. This enables the hard drive to always operate at the manufacturer's recommended operating temperature, extending the disk's life and protecting its data.

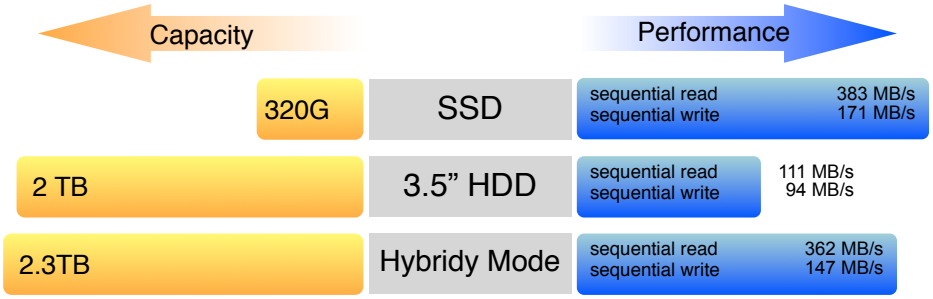


More Superior Performance with SH2-E2

PD520-E2 comes with a SH2-E2 SATA (6 Gb/s) expansion card. It uses the latest PCI-Express 2.0 x 1 bus, which supports AHCI and plug and play. The most significant feature of SH2-E2 is the hybrid hardware, which allows you to use both SSD ultra-high available data rate, and the huge capacity of a 3.5" SATA hard drive.

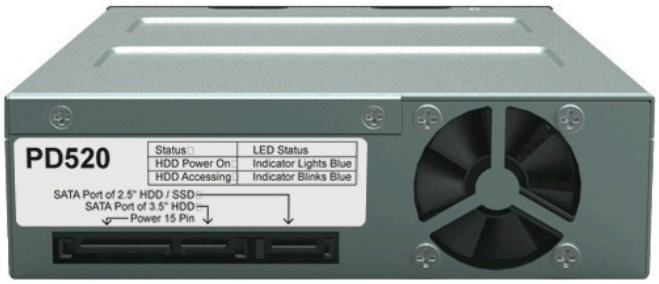
The SH2-E2, with its excellent transmission speed and capacity, meets the requirements of professional video editing, photograph editing and graphic design applications.

The hybrid architecture of the SH2-E2 comprises a 3.5" hard disk and a 2.5" solid state hard drive interface. The following reference benchmarks are obtained using large capacity 3.5” drives. Actual transmission rate would depend on the performance of the solid-state hard drive.



For any further inquiries related to STARDOM product, please visit http://www.stardom.com.tw

Product Appearance



Specification		
Model No	**PD520-S3**	**PD520-E2**
Interfaces	6Gbps SATA III 2 Ports	6Gbps SATA III 2 Ports
Compatible Drives	1 x 3.5” SATA III (6.0 Gbits) HDD + 1 x 2.5” SATA III (6.0 Gbits) HDD/SSD	1 x 3.5” SATA III (6.0 Gbits) HDD + 1 x 2.5” SATA III (6.0 Gbits) HDD/SSD
Storage Mode	2 x Independent volume	2 x Independent volume / Hybrid Safe Mode / Hybrid Speed Mode
Cooling System	4 cm Low noise fan	4 cm Low noise fan
Dimension	148 mm (W) x 42 mm (H) x 192 mm (D)	148 mm (W) x 42 mm (H) x 192 mm (D)
Product Code	EAN 4711132864458 UPC 884826503675	EAN 4711132864465 UPC 884826503682
Carton	8 pcs per carton	8 pcs per carton
Package Accessories	PD520-S3 x 1 (with Removable drive tray enclosed x 2) SATA Cable x 2 Accessory kit User Manual x 1	PD520-S3 x 1 (with Removable drive tray enclosed x 2) SATA Cable x 2 Accessory kit User Manual x 1 SH2-E2 x 1 User Manual CD x 1

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